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TI Hardenable **lead**-calcium-**tin** alloy  
IN Assmann, Herbert K. G.  
PA VARTA Batterie A.-G., Fed. Rep. Ger.  
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LA German

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PI	DE 2758940	A1	19790705	DE 1977-2758940	19771230
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AB The **Pb**-Ca-**Sn** alloy has a **Sn**/Ca at. ratio of .gtoreq.3:1. The optimum ratio is 3.7:1, and optimum Ca content is 0.06%. Optionally, 0.06% **Ag** is added. The alloy is aged at 20-50.degree.. Suitable strength and corrosion resistance is obtained when the CaSn3 phase is pptd. during pptn. hardening. The alloy is esp. suitable for battery grids. No gas evolution during charging occurs, and the battery can be sealed. Typically, the **Pb** alloy [ 56053-49-7] contains 0.06 Ca and 0.53% **Sn**.